

SOIL LBR/CBR VALUE - 2009

LAB ID	TEST	MACHINE MANUFACTURER	TYPE	REPORTING METHOD	CALIBRATION DATE	MAXIMUM DENSITY	MAX DENSITY COMMENT	OPTIMUM MOISTURE	OPTIMUM MOISTURE COMMENT	CBR/LBR RESULT	CBR/LBR COMMENT
11002	LBR	Gilson	Automatic	Lbs or psi	8/14/2009	110	OK	14	OK	70	OK
11004	LBR	GeoTac	Automatic	Machine calculates LBR/CBR values	8/19/2010	110	OK	13	OK	69	OK
11005	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	5/5/2009	109	OK	15	OK	65	OK
11008	LBR	GeoTac	Automatic	Machine calculates LBR/CBR values	6/10/2009	107	OK	9	REVIEW	48	OK
11009	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	6/24/2009	111	OK	16	OK	85	OK
11011	LBR	GeoTac	Automatic	Machine draws curves	8/14/2009	109	OK	14	OK	61	OK
11021	LBR	GPE	Automatic	Machine calculates LBR/CBR values	10/15/2008	105	REVIEW	12	OK	45	OK
11022	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	9/1/2009	107	OK	10	OK	35	REVIEW
11024	CBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	8/6/2009	112	OK	10	OK	47 CBR	OK CBR
11024	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	8/6/2009	112	OK	12	OK	43	OK
11025	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	6/9/2009	117.5x	REVIEW	12	OK	60	OK
11029	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	5/5/2009	108	OK	16	OK	51	OK
11030	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	11/3/2008	109	OK	14	OK	65	OK
11034	LBR	Durham Geo	Automatic	Machine draws curves	11/10/2008	109	OK	13	OK	66	OK
11042	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	11/5/2008	110	OK	15	OK	62	OK
11046	CBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	3/5/2009	110	OK	12	OK	42 CBR	OK CBR
11046	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	3/5/2009	113	REVIEW	12	OK	60	OK
11048	LBR	SoilTest	Manual	Lbs or psi	4/27/2009	109	OK	15	OK	53	OK
11049	LBR	SoilTest Versatester	Automatic	Lbs or psi	7/28/2009	111	OK	15	OK	68	OK
11051	LBR	GPE	Automatic	Machine calculates LBR/CBR values	4/7/2009	108	OK	14	OK	61	OK
11052	LBR	dgsi	Automatic	Machine calculates LBR/CBR values	5/6/2009	111	OK	17	OK	71	OK
11053	LBR	Rainhart / GPE	Automatic	Machine calculates LBR/CBR values	8/18/2009	109	OK	16	OK	55	OK
11055	LBR	Humboldt	Automatic	Lbs or psi	7/17/2009	114	REVIEW	10	OK	84	OK
11056	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	3/20/2009	111	OK	12	OK	75	OK
11061	LBR	Gilson wiith/ Durham	Automatic	Machine calculates LBR/CBR values	6/19/2009	109	OK	12	OK	62	OK
11062	LBR	SoilTest	Automatic	Lbs or psi	9/30/2009	109	OK	16	OK	60	OK
11064	LBR	Humboldt	Automatic	Lbs or psi	2/13/2009	109	OK	16	OK	71	OK
11065	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	1/21/2009	109	OK	16	OK	69	OK
11075	LBR	Brainard-Kilman	Automatic	Machine draws curves	9/18/2009	107	OK	12	OK	52	OK
11077	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	5/28/2009	107	OK	14	OK	46	OK
11082	LBR	Brainard Kilman	Automatic	Machine draws curves	11/1/2009	108	OK	14	OK	45	OK
11083	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	7/27/2009	110	OK	11	OK	78	OK
11084	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	10/17/2008	113	REVIEW	11	OK	72	OK
11086	LBR	Humboldt	Manual		7/1/2009	106	OK	15	OK	47	OK
11088	LBR	SoilTest	Manual	Lbs or psi	10/14/2008	107	OK	14	OK	54	OK
11089	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	12/16/2009	111	OK	15	OK	68	OK
11090	LBR	Rainhart	Automatic	Machine calculates LBR/CBR values	10/22/2008	111	OK	13	OK	70	OK
11094	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	2/10/2009	109	OK	14	OK	66	OK
11102	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	5/14/2009	112	OK	15	OK	66	OK
11105	LBR	Geo Test	Automatic	Lbs or psi	9/15/2008	107	OK	13	OK	43	OK
11106	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	3/1/2009	107	OK	14	OK	48	OK
11108	LBR	Durham Geo	Automatic	Machine draws curves	12/1/2008	109	OK	13	OK	60	OK
11114	LBR	Rainhart	Automatic	Lbs or psi	5/19/2009	110	OK	14	OK	58	OK
11115	LBR	SoilTest	Manual	Lbs or psi	3/5/2009	111	OK	12	OK	82	OK
11124	LBR	Durham Geo	Automatic	Machine draws curves	7/16/2009	110	OK	13	OK	85	OK
11135	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	1/15/2009	106	OK	10	OK	49	OK
11137	LBR	Durham Geo	Automatic	Machine draws curves	5/12/2009	109	OK	15	OK	60	OK
11145	LBR	Durham Geo	Automatic	Lbs or psi	3/10/2009	110	OK	15	OK	58	OK
11165	LBR	Durham Geo	Automatic	Machine draws curves	4/9/2009	107	OK	11	OK	53	OK
11167	LBR	Durham Geo	Automatic	Lbs or psi	6/2/2009	110	OK	14	OK	70	OK
11179	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	5/27/2009	110	OK	12	OK	92	REVIEW
11185	LBR	Humboldt	Manual	Lbs or psi	7/28/2009	109	OK	13	OK	104x	REVIEW
11186	LBR	Humboldt	Manual		7/6/2009	109	OK	15	OK	77	OK
11187	LBR	Humboldt	Automatic	Machine calculates LBR/CBR values	9/18/2008	109	OK	14	OK	76	OK
11190	LBR	Rainhart	Automatic	Lbs or psi	3/10/2009	111	OK	14	OK	76	OK
11204	LBR	Rainhart / GPE	Automatic	Lbs or psi	6/15/2009	109	OK	11	OK	63	OK
11208	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	8/5/2009	113	OK	13	OK	81	OK
11215	LBR	Rainhart	Automatic	Machine calculates LBR/CBR values	10/15/2008	109	OK	13	OK	59	OK
11232	LBR	Geotest Instrument	Automatic	Machine draws curves	4/30/2009	110	OK	15	OK	59	OK
11237	LBR	Durham Geo	Automatic	Machine draws curves	8/24/2009	107	OK	11	OK	57	OK
11240	LBR	Rainhart	Automatic	Machine calculates LBR/CBR values	9/23/2009	110	OK	16	OK	67	OK
11245	LBR	Rainhart	Automatic	Lbs or psi	5/15/2009	109	OK	16	OK	69	OK
11247	LBR	Rainhart	Automatic	Lbs or psi	12/4/2008	109	OK	17	OK	66	OK
11261	LBR	Durham Geo	Automatic	Lbs or psi	10/23/2008	111	OK	15	OK	86	OK
11264	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	9/11/2008	109	OK	14	OK	61	OK
11271	LBR	Humboldt	Automatic	Machine calculates LBR/CBR values	11/20/2008	110	OK	14	OK	59	OK
11319	LBR	Dunham	Automatic	Machine draws curves	2/9/2009	111	OK	15	OK	79	OK
11330	LBR	Humboldt	Automatic	Lbs or psi	8/4/2009	109	OK	15	OK	74	OK
11353	LBR	Forney	Manual	Lbs or psi	5/19/2009	110	OK	17	OK	59	OK
11371	LBR	Durham Geo	Automatic	Machine draws curves	3/27/2009	109	OK	11	OK	83	OK
11376	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	8/4/2008	111	OK	12	OK	63	OK
11385	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	1/9/2009	112	OK	15	OK	65	OK
11409	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	2/11/2009	111	OK	15	OK	62	OK
11411	LBR	DGSI	Automatic	Machine calculates LBR/CBR values	2/18/2009	109	OK	13	OK	63	OK
11413	LBR	Humboldt	Automatic	Machine draws curves	3/19/2009	106	OK	12	OK	64	OK
11436	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	7/21/2009	110	OK	14	OK	87	OK
11438	LBR	SoilTest	Manual	Lbs or psi	8/4/2009	107	OK	17	OK	47	OK
11443	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	1/23/2009	109	OK	14	OK	70	OK
11452	LBR	Gilson	Automatic	Machine draws curves	5/1/2009	111	OK	14	OK	75	OK
11456	LBR	Humboldt	Automatic	Machine calculates LBR/CBR values	7/1/2009	108	OK	13	OK	70	OK
11457	LBR	Humboldt	Automatic	Machine calculates LBR/CBR values	7/1/2009	110	OK	13	OK	81	OK
11463	LBR	Humboldt	Automatic	Machine calculates LBR/CBR values	3/6/2009	108	OK	12	OK	50	OK
11469	LBR	Rainhart / GPE	Automatic	Machine calculates LBR/CBR values	9/23/2008	109	OK	13	OK	71	OK
11474	LBR	Durham Geo	Automatic	Machine calculates LBR/CBR values	7/20/2009	109	OK	10	OK	52	OK
12045	LBR	Rainhart	Automatic	Machine calculates LBR/CBR values	8/9/2009	106	OK	13	OK	50	OK
12067	LBR	Durham Geo	Manual		9/18/2009	107	OK	13	OK	48	OK
12085	LBR	Durham Geo	Automatic	Machine draws curves	4/1/2010	107	OK	11	OK	52	OK
14050	LBR	Humboldt	Automatic	Machine draws curves	8/3/2009	110	OK	15	OK	74	OK
14144	LBR	Durham Geo	Automatic	Lbs or psi	6/23/2010	108	OK	16	OK	54	OK

SOIL LBR/CBR VALUE - 2009

AVG	109.3	13.5	63.8
STDEV	1.8	1.8	12.1
+2SD	112.9	17.1	88
-2SD	105.7	9.9	39.6
+3SD	114.7	18.9	100.1
-3SD	103.9	8.1	27.5